CLE 076

Introduction to Agile Software Acquisition

Course Terminal Learning Objective (TLO)

Department of Defense agile development efforts are successful because students of this course participate effectively in their execution.

Course Modules (Topics)

1-Introduction

2-Motivation for Agile Software Development

3-Basic Agile Concepts

4-Effects of Agile on Program Planning and Execution

5-Effects of Agile on Systems and Software Engineering

6-Effects of Agile on Pre-contract award

7-Effects of Agile on Post-contract award

8-Enabling an Agile Acquisition Culture

9-Summary

Course Attributes

- Online DL
- Course Length: 4-5 Hours
- Module Length: 30 +/- 10 minutes
- Schedule:
  - RRR (14 JAN 16)
  - FIPT Review (23 FEB 16)
  - PDR (03 MAR 16)
  - CDR (10 MAY 16)
  - PDR1 (30 AUG 16)
  - PDR2 (08 NOV 16)
  - DRR (10 JAN 17)

ELO mapping to course modules

Course Module	ELO(s)
#7-Identify key post contract award activities that can/need to change to enable Agile program insight, as well as oversight.	#1 Understanding the cadence of documentation development and delivery in an Agile program.
	#2 - Understanding the role of government agencies/oversight in Agile programs.
	#3 Understanding the level of involvement required for Agile processes to be effective.
	#4 Understanding the tools used to provide program insight in an Agile program.

Development Team Contacts

Role	Name	Module Assignment	Phone	Email
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#7-Effect of Agile on Post-Contract Award

Module TLO:
Identify key post contract award activities that can/need to change to enable Agile program insight, as well as oversight.

Subtopics

- #1- Documentation
- #2- Regulatory oversight
- #3- Participating in Agile reviews
- #4- Measurement

ELO

- ELO #1 - Understanding the cadence of documentation development and delivery in an Agile program.
- ELO #2 - Understanding the role of government agencies/oversight in Agile programs.
- ELO #3 Understanding the level of involvement required for Agile processes to be effective.
- ELO #4 Understanding the tools used to provide program insight in an Agile program.

ELO Mapping to Sub-topics

Subtopic	ELO(s)
#1 Documentation	#1 Understanding the cadence of documentation development and delivery in an Agile program.
#2 Regulatory oversight	#2 - Understanding the role of government agencies/oversight in Agile programs.
#3 Participating in Agile reviews	#3 Understanding the level of involvement required for Agile processes to be effective.
#4 Measurement	#4 Understanding the tools used to provide program insight in an Agile program.

Subtopic: #1 Documentation

- Understanding the cadence of documentation development and delivery in an Agile program.
  - Use of projective documentation vs. as-built
  - Incremental delivery of documentation

Subtopic: #2 Regulatory oversight

- Understanding the role of government agencies/oversight in Agile programs.
  - Direction of DCMA, PARCA, AT&L, services etc.

Subtopic: #3 Participating in Agile reviews

- Understanding the level of involvement required for Agile processes to be effective.
  - Portfolio Management
  - Release planning
  - Release reviews
  - Iteration Planning
  - Iteration Reviews

Subtopic: #4 Measurement

- Understanding the tools used to provide program insight in an Agile program.
  - Team Level Measure
  - Program Level Measure
    - EV Analyst